

Rat Tumor Necrosis Factor Related Apoptosis Inducing Ligand (TRAIL) ELISA Kit | TRAIL elisa kit

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CATALOG # AAA64504	REACTIVITY Rat
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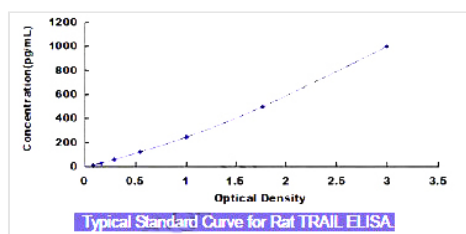
PRODUCT SYNONYMS

Tumor Necrosis Factor Related Apoptosis Inducing Ligand (TRAIL); Rat Tumor Necrosis Factor Related Apoptosis Inducing Ligand (TRAIL) ELISA Kit; CD253; TNFSF10; APO2L; Apo2-L; TL2; TRAIL; Tumor Necrosis Factor Ligand Superfamily Member 10; Apo-2 Ligand; TRAIL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of TRAIL. No significant cross-reactivity or interference between TRAIL and analogues was observed.
Sequence Length	291
Samples	Serum, plasma, tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	6.7pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TRAIL were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TRAIL were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TRAIL elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TRAIL in rat serum, plasma, tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TRAIL. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TRAIL. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TRAIL, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of TRAIL in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	961441495
NCBI GeneID	246775
NCBI Accession #	NP_663714.2
NCBI GenBank Nucleotide #	NM_145681.2
UniProt Accession #	E9PU84
Molecular Weight	33,484 Da
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 10
NCBI Official Synonym Full Names	tumor necrosis factor superfamily member 10
NCBI Official Symbol	Tnfsf10
NCBI Official Synonym Symbols	Trail; Tnlg6a
NCBI Protein Information	tumor necrosis factor ligand superfamily member 10
UniProt Protein Name	Protein Tnfsf10
UniProt Gene Name	Tnfsf10

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.